

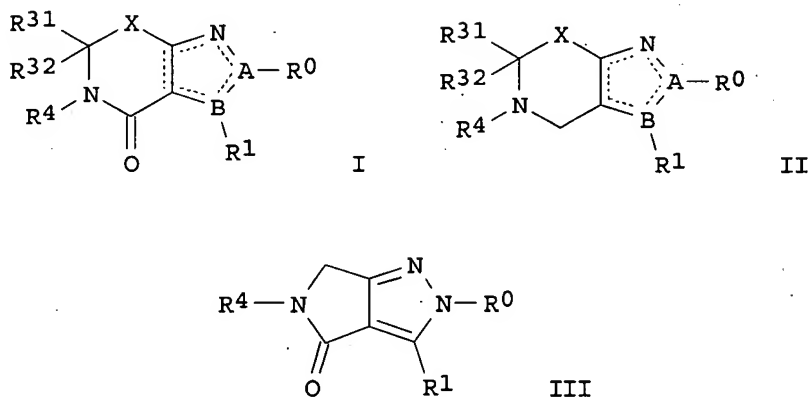
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L7 4 L6

=> d abs fbib hitstr 1-4

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

GI



AB The title compds. I or II [A = N and B = C, or A = C and B = N; R0 = (un)substituted (hetero)aryl; R1 = (un)substituted aryl, CH:CHR1a, CH2CH2R1a (wherein R1a = H, alkyl, (un)saturated carbocyclyl, heterocyclyl, etc.); X = a bond, (un)substituted CH2; R31, R32 = H, alkyl, haloalkyl; R4 = alkyl, aryl, heteroaryl, etc.; with proviso] that act as cannabinoid receptor ligands and therefore are useful in the treatment of diseases linked to the mediation of the cannabinoid receptors in animals, were prepared E.g., a multi-step synthesis of III [R0 = 2-ClC6H4; R1 = 4-(MeO)C6H4; R4 = iso-Pr], starting from Et 1-(2-chlorophenyl)-5-iodo-3-methyl-1H-pyrazole-4-carboxylate, was given. The compds. III [R0 = 2-ClC6H4; R1 = 4-(NC)C6H4; R4 = iso-Pr] and III [R0 = 2-ClC6H4; R1 = 4-ClC6H4; R4 = iso-Pr] showed CB-1 binding activities of 4 nM and 2 nM, resp. The pharmaceutical composition comprising the compound I or II is claimed.

AN 2004:905624 CAPLUS

DN 141:395553

TI Preparation of bicyclic pyrazolyl and imidazolyl compounds as cannabinoid receptor ligands

IN Carpino, Philip A.; Dow, Robert L.

PA Pfizer Inc, USA

SO U.S. Pat. Appl. Publ., 32 pp.

CODEN: USXXCO

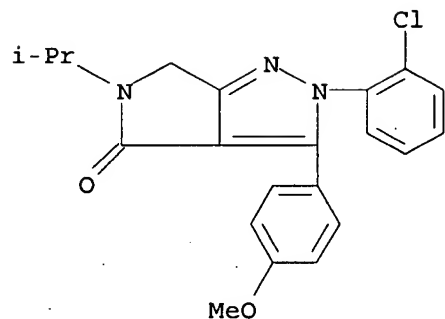
DT Patent

LA English

FAN.CNT 1

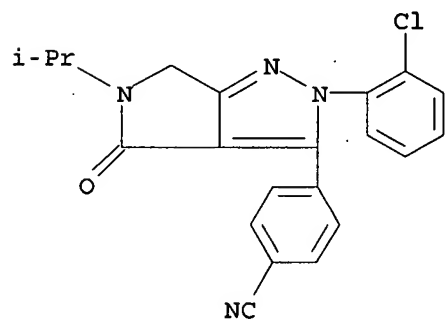
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	AU 2004232552	A1	20041104	AU 2004-232552	20040413
				US 2003-464908P	P 20030423
				WO 2004-IB1357	W 20040413

CA 2521538 A1 20041104 CA 2004-2521538 20040413
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WO 2004094421 A1 20041104 WO 2004-IB1357 20040413
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
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GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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US 2003-464908P P 20030423
WO 2004-IB1357 W 20040413
NL 1026027 A1 20041027 NL 2004-1026027 20040423
NL 1026027 C2 20050705
NO 2005005516 A 20051122 US 2003-464908P P 20030423
NO 2005-5516 20051122
US 2003-464908P P 20030423
WO 2004-IB1357 W 20040413
OS MARPAT 141:395553
IT 782498-61-7P 782498-62-8P 782498-63-9P
782498-66-2P 782498-67-3P 782498-68-4P
782498-69-5P 782498-70-8P 782498-71-9P
782498-72-0P 782498-73-1P 782500-17-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation of bicyclic pyrazolyl and imidazolyl compds. as cannabinoid
receptor ligands)
RN 782498-61-7 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-5,6-dihydro-3-(4-
methoxyphenyl)-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



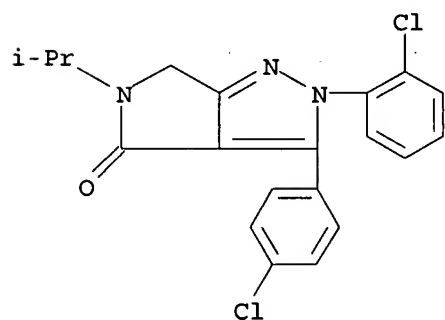
RN 782498-62-8 CAPLUS

CN Benzonitrile, 4-[2-(2-chlorophenyl)-2,4,5,6-tetrahydro-5-(1-methylethyl)-4-oxopyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



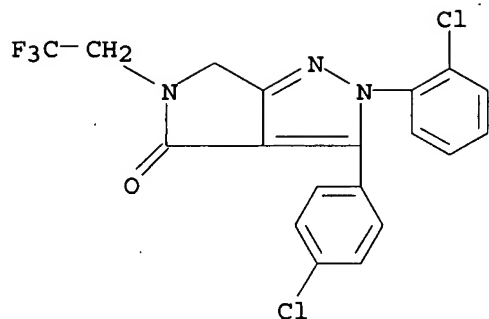
RN 782498-63-9 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



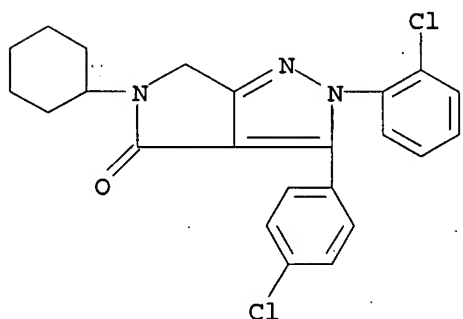
RN 782498-66-2 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



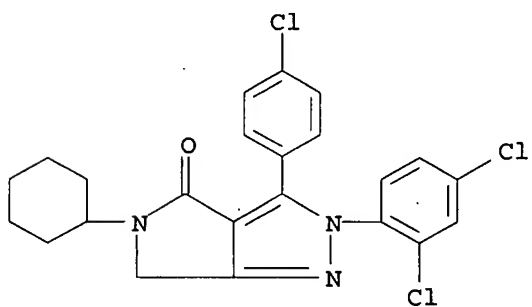
RN 782498-67-3 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5-cyclohexyl-5,6-dihydro- (9CI) (CA INDEX NAME)



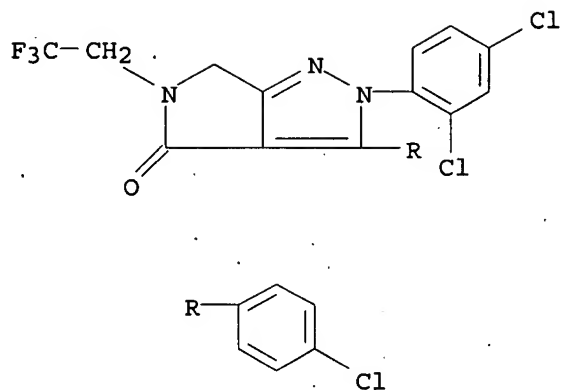
RN 782498-68-4 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 3-(4-chlorophenyl)-5-cyclohexyl-2-(2,4-dichlorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



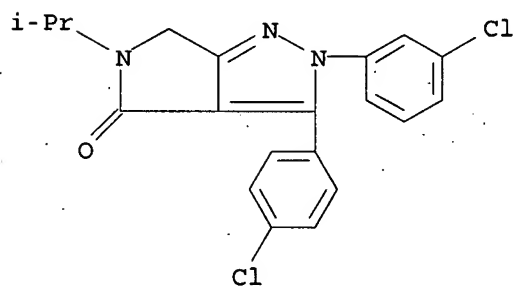
RN 782498-69-5 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 3-(4-chlorophenyl)-2-(2,4-dichlorophenyl)-5,6-dihydro-5-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



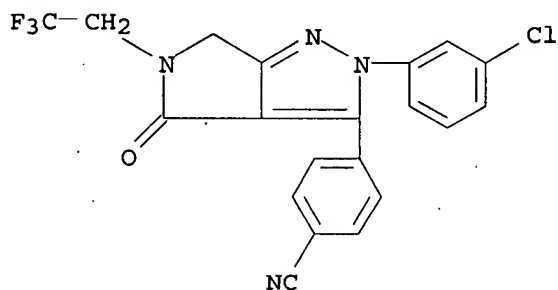
RN 782498-70-8 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(3-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



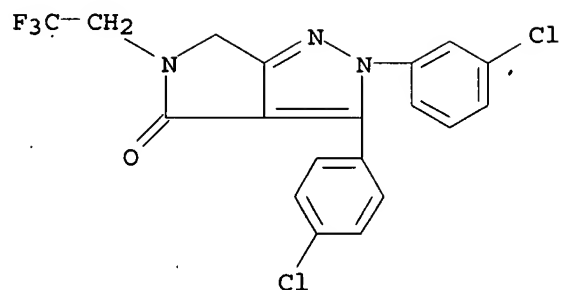
RN 782498-71-9 CAPLUS

CN Benzonitrile, 4-[2-(3-chlorophenyl)-2,4,5,6-tetrahydro-4-oxo-5-(2,2,2-trifluoroethyl)pyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



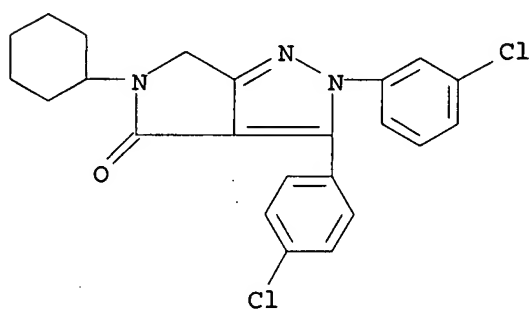
RN 782498-72-0 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(3-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



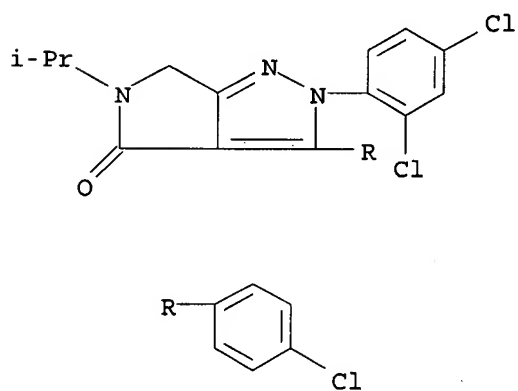
RN 782498-73-1 CAPLUS

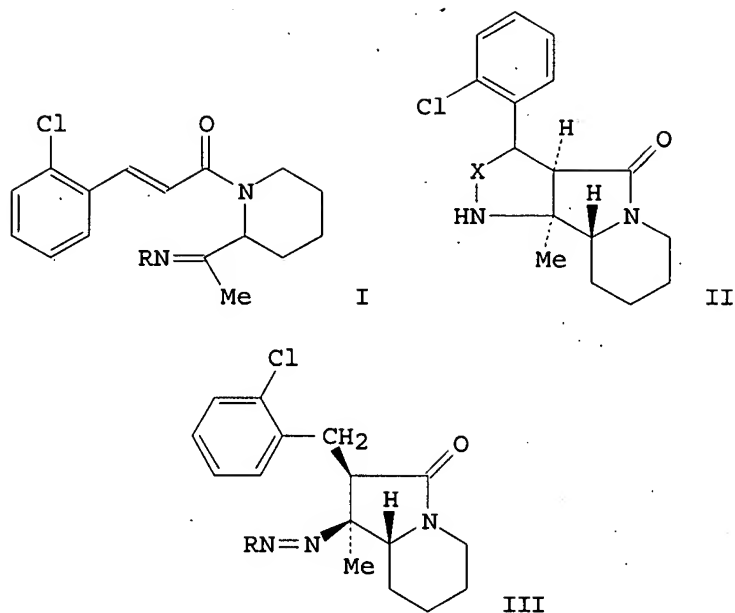
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(3-chlorophenyl)-3-(4-chlorophenyl)-5-cyclohexyl-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 782500-17-8 CAPLUS

CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 3-(4-chlorophenyl)-2-(2,4-dichlorophenyl)-5,6-dihydro-5-(1-methylethyl)- (9CI) (CA INDEX NAME)

L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
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AB The cinnamoylacetyl piperidine derivs. I [R = HO, 2,4-(O₂N)₂C₆H₃NH, PhNH, Me₃CNH, Me₂N] were prepared and their cyclization reactions investigated. Thus, I [R = HO, 2,4-(O₂N)₂C₆H₃N] underwent cyclization under acid conditions to give isoxazoloindolizine II (X = O) and pyrazoloindolizine II [X = 2,4-(O₂N)₂C₆H₃N], resp. I (R = PhNH, Me₃CNH) cyclized in refluxing MeCN to give indolizines III, but when heated in EtOH containing pyridinium p-toluenesulfonate gave II (R = PhN, Me₃N, resp.). The structure of II (X = O) was determined by x-ray crystallog.

AN 1987:176110 CAPLUS

DN 106:176110

TI Novel transformations leading to 3-benzylindolizidin-2-ones

AU Norman, Mark H.; Heathcock, Clayton H.

CS Dep. Chem., Univ. California, Berkeley, CA, 94720, USA

SO Journal of Organic Chemistry (1987), 52(2), 226-35

CODEN: JOCEAH; ISSN: 0022-3263

DT Journal

LA English

OS CASREACT 106:176110

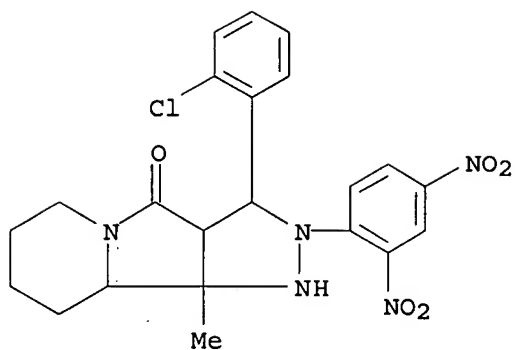
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106454-13-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

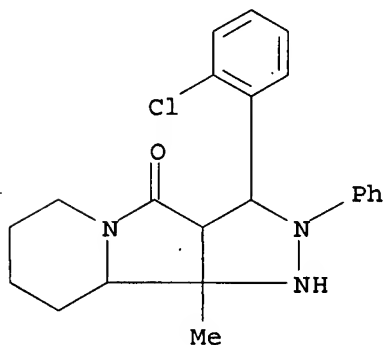
RN 106318-76-7 CAPLUS

CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)-2-(2,4-dinitrophenyl)decahydro-9b-methyl-, (3 α ,3 α ,9 α β ,9 β)- (9CI) (CA INDEX NAME)



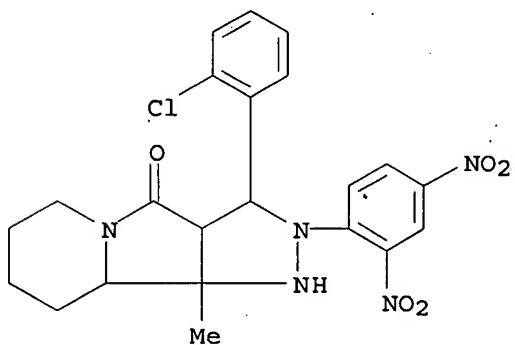
RN 106318-77-8 CAPLUS

CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)decahydro-9b-methyl-2-phenyl-, (3α,3α,9aβ,9bα)- (9CI) (CA INDEX NAME)



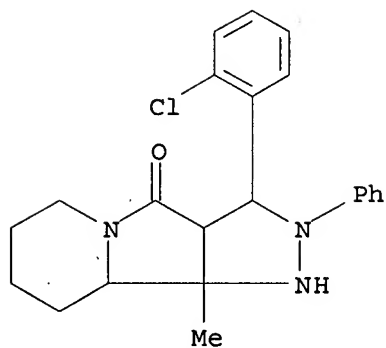
RN 106399-53-5 CAPLUS

CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)-2-(2,4-dinitrophenyl)decahydro-9b-methyl-, (3α,3α,9aα,9b.alpha.)- (9CI) (CA INDEX NAME)

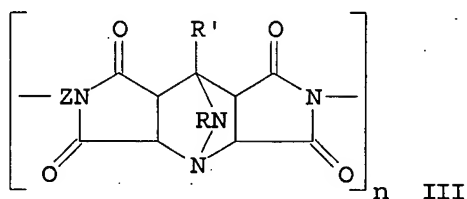
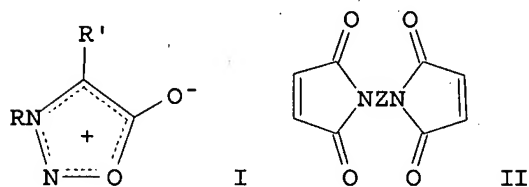


RN 106454-13-1 CAPLUS

CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)decahydro-9b-methyl-2-phenyl-, (3α,3α,9aα,9bα)- (9CI) (CA INDEX NAME)



L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
GI



AB The copolymn. of mesoionic syndones (I; R = Pr, Ph; R' = H, Et, Ph) with bismaleimides (II; Z = CH₂CH₂, p-C₆H₄x-C₆H₄-p; x = CH₂, O) is described. This polymerization is based on the double 1,3-cycloaddn. of syndnone to two maleimide functions to form CO₂ and 1,7-diazabicyclo[2.2.1]heptane-2,3,5,6-tetracarboxylic acid diimide recurring unit of the polymer chain. A new class of polyimides (III; R, R', and Z as for I and II) was synthesized by this reaction. III have good thermal stability and solubility

AN 1987:138825 CAPLUS

DN 106:138825

TI Novel polymerization reaction: double cycloaddition of syndnone and bismaleimide

AU Sun, Kwok Kun

CS North Haven Lab., Dow Chemical U.S.A., North Haven, CT, 06473-0430, USA

SO Macromolecules (1987), 20(4), 726-9

CODEN: MAMOBX; ISSN: 0024-9297

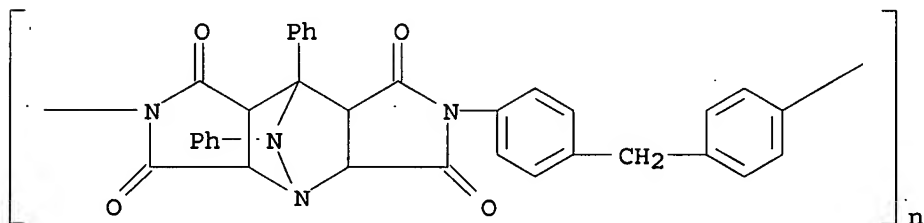
DT Journal

LA English

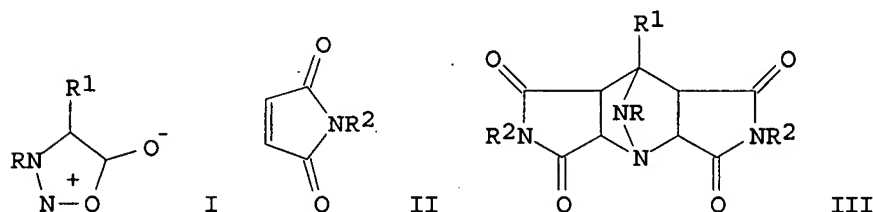
IT 107037-77-4P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and properties of)

RN 107037-77-4 CAPLUS
 CN Poly[(octahydro-1,3,5,7-tetraoxo-8,9-diphenyl-1H-4,8-iminodipyrrolo[3,4-b:3',4'-e]pyridine-2,6-diyl)-1,4-phenylenemethylene-1,4-phenylene] (9CI)
 (CA INDEX NAME)



L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 GI



AB The cycloaddn. of sydrones I (R = H, R1 = H, Ph; R = Pr, R1 = Et) to
 maleimides II (R2 = Ph, 4-MeC6H4, Me, H) afforded exclusively the
 isomeric 1:2-adducts endo, exo-III and exo,exo-III.
 AN 1987:102145 CAPLUS
 DN 106:102145
 TI Cycloaddition reaction of sydnone and maleimide
 AU Sun, Kwok Kun
 CS D. S. Gilmore Res. Lab., Upjohn Co., North Haven, CT, 06473, USA
 SO Tetrahedron Letters (1986), 27(3), 317-20
 CODEN: TELEAY; ISSN: 0040-4039
 DT Journal
 LA English
 OS CASREACT 106:102145
 IT 106932-03-0P 106974-72-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 106932-03-0 CAPLUS
 CN 1H-4,8-Iminodipyrrolo[3,4-b:3',4'-e]pyridine-1,3,5,7(2H,3aH,6H)-tetrone,
 tetrahydro-2,6,8,9-tetraphenyl-, (3α,4β,4α,7α,8.
 beta.,8α)- (9CI) (CA INDEX NAME)

